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DISSEMINATION CONTROL ABBREVIATIONS

| | |
|--------------------|---|
| NOFORN- | Not Releasable to Foreign Nationals |
| NOCONTRACT- | Not Releasable to Contractors or Contractor/Consultants |
| PROPIN- | Caution-Proprietary Information Involved |
| ORCON- | Dissemination and Extraction of Information Controlled by Originator |
| REL ... | This Information has been Authorized for Release to ... |

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NPIC/IEG (05/82)

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14 MAY 1982

DEPLOYMENT OF NEW ANTIAIRCRAFT SYSTEM
MIRIM AIRFIELD, NORTH KOREA

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1. (S/D) SIGNIFICANCE: A NEW ANTIAIRCRAFT SYSTEM WHICH EMPLOYS A ZPU-4 -TYPE AA GUN AND THE LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR HAS BEEN IDENTIFIED.

2. (S/D) REMARKS: IMAGERY [] REVEALED THE DEPLOYMENT OF A NEW ANTIAIRCRAFT (AA) WEAPONS SYSTEM NEAR MIRIM AIRFIELD AT UTM 51SYD45502085. THE NEW SYSTEM CONSISTS OF EIGHT ZPU-4 -TYPE MULTIBARREL AA GUNS OCCUPYING AN EIGHT-POSITION CIRCULAR AA SITE, AND A GUN CARRIAGE-MOUNTED LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR IN A FIRE CONTROL AREA. THIS IS THE FIRST CONFIRMED ASSOCIATION OF THE LAND-BASED DRUM TILT RADAR WITH AN AA SITE. CABLE SCARRING EXTENDS FROM EACH GUN TO THE CENTER OF THE SITE AND CONTINUES IN A NORTHWEST DIRECTION FOR 100 METERS TO A FIRE CONTROL AREA. THE FIRE CONTROL AREA CONTAINS THE DRUM TILT FIRE CONTROL RADAR WHICH IS CABLE CONNECTED TO AN ELECTRONICS SUPPORT VAN TRUCK AND TWO VEHICLE/EQUIPMENT BUNKERS. IN ADDITION TO THE CABLE SCARRING, A PERSONNEL TRENCH CONNECTS EACH GUN POSITION AND THE FIRE CONTROL AREA TO A BARRACKS/SUPPORT AREA.

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(S/D) THE NEW SITE HAS BEEN CONSTRUCTED OVER THE LOCATION OF A FORMER NINE-POSITION AA SITE OCCUPIED WITH ZPU-2 ANTIAIRCRAFT MACHINE GUNS. CONSTRUCTION OF THE AA SITE TO ACCOMMODATE THE NEW SYSTEM BEGAN [] AND WAS IN THE MIDSTAGE OF CONSTRUCTION [] IT WAS COMPLETED []

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(S/D) ANALYST'S COMMENTS: THE AA GUNS ASSOCIATED WITH THIS SYSTEM HAVE A FIRING PLATFORM IDENTICAL TO A ZPU-4. ALTHOUGH IMAGE QUALITY PRECLUDED ACCURATE MENSURATION OF THE GUNS, THE BREECH AND MAGAZINE AREA APPEAR LARGER, INDICATING THAT THE WEAPON IS EITHER A MODIFIED ZPU-4 OR A NEW TYPE INDIGENOUS AA GUN PRODUCED TO OPERATE IN CONJUNCTION WITH THE LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR. []

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3. (S) [REDACTED], COORDINATES 39-00-50N 125-50-45E
4. (S/D) COLLATERAL REFERENCE: NPIC IMAGERY ANALYSIS REPORT, IAR-0123/81, NEW LAND-BASED DRUM TILT FIRE CONTROL RADAR, NORTH KOREA, JULY 1981. (S)

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